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IN THE CLAIMS

Please replace all claims in the instant application with the listing below as follows:

1. (Previously Presented) A lifting sling, said lifting sling comprising:

a plurality of core fibers forming a sling body, said sling body is load bearing; and

a coating, said coating is at least an isocyanate mixed with an amine forming polyurea, said coating is sprayed onto said plurality of core fibers, said coating is applied in patterns of varying thicknesses and locations along length of said sling body, initial layer of said coating seals said plurality of core fibers from exposure to contaminates, additional layers of said coating are applied in areas of said sling body subject to high crush and shear forces increasing said coating thickness and shear strength, preventing said plurality of core fibers and said coating damage during use of said lifting sling, and achieving operational properties that extend suitability for use of said coating and said plurality of core fibers, a final splatter layer of said coating is applied along said sling body creating a rugged textured non-slip grip exterior surface.

2. (Previously Presented) The lifting sling in accordance with claim 1, wherein said coating is selected from the group consisting of a polyurea elastomer, or a hybrid polyurethane – polyurea elastomer.

3. (Previously Presented) The lifting sling in accordance with claim 1, wherein said coating has an operational temperature range of –40 to 175 degrees Celsius.

4. (Previously Presented) The lifting sling in accordance with claim 1, wherein said coating has a tensile strength in the range of up to 6,500 pounds per square inch, an elongation range of up to 300 percent, and a tear resistance in the range of up to 600 pounds per linear inch.

5. (Previously Presented) The lifting sling in accordance with claim 1, wherein said coating includes at least one of the following additives:

i) a catalyst;
ii) a stabilizer;
iii) a pigment;
iv) a fire retardant;
v) a static electricity reducing additive;
vi) an ultraviolet filtering additive; or
vii) a thermal cycling additive.

6. (Previously Presented) The lifting sling in accordance with claim 1, wherein said plurality of core fibers include at least one of the following:

i) nylon;
ii) polyester;
iii) a synthetic fiber;
iv) polypropylene;
v) wire rope;
vi) steel core;
vii) cordage rope;

viii) yarn;
ix) NOMAX;
x) KEVLAR; or
xi) chain.

7. (Previously Presented) The lifting sling in accordance with claim 1, wherein said lifting sling further comprising a safety core, said safety core is bonded by said coating proximate to said plurality of core fibers causing said safety core, said coating, and said plurality of core fibers to be subjected to the same operational forces during use of said lifting sling.

8. (Previously Presented) The lifting sling in accordance with claim 7, wherein said safety core traverses said lifting sling.

9. (Previously Presented) The lifting sling in accordance with claim 7, wherein said safety core is located, with respect to said plurality of core fibers, in at least one of the following locations:

i) seam located;
ii) perimeter located; or
iii) centrally located.

10. (Previously Presented) The lifting sling in accordance with claim 7, wherein said safety core is interconnected with at least one of the following:

i) an indicator; or
ii) an electronic system.

11-15. (Canceled)

16. (Previously Presented) The lifting sling in accordance with claim 1, wherein said lifting sling further comprising at least one of the following:

i) an indicator secured proximate to said plurality of core fibers; or
ii) an electronic system secured proximate to said plurality of core fibers.

17. (Previously Presented) The lifting sling in accordance with claim 16, wherein said electronic system further comprising at least one of the following:

i) a microcontroller;
ii) a graphical user interface;
iii) a keypad;
iv) a touch pad;
v) a plurality of general purpose inputs and outputs;
vi) a safety core interface;
vii) a lifting sling measurement and dynamics interface;
viii) an RFID interface;
ix) an IRDA interface;
x) a transceiver;
xi) a wireless data link;
xii) a LAN interface;
xiii) a WAN interface;
xiv) a serial data link;
xv) a GPS interface;

xvi) a power supply;
xvii) a flash memory;
xviii) a read only memory;
xix) a real time clock;
xx) an EEROM; or
xxi) a NOVRAM.

18. (Previously Presented) The lifting sling in accordance with claim 16, wherein said indicator or said electronic system indicates operational condition of said lifting sling, suitability for use of said lifting sling, or security status of an article secured by said lifting sling.

19-24 (Canceled)

25. (Previously Presented) A lifting sling, said lifting sling comprising:

a plurality of core fibers forming a sling body, said sling body is load bearing;

a coating, said coating is at least an isocyanate mixed with an amine forming polyurea, said coating is disposed onto said plurality of core fibers, said coating is applied in patterns of varying thicknesses and locations along length of said sling body, initial layer of said coating seals said plurality of core fibers from exposure to contaminates, additional layers of said coating are applied in areas of said sling body subject to high crush and shear forces increasing said coating thickness and shear strength, preventing said plurality of core fibers and said coating damage during use of said lifting sling, and achieving operational properties that extend suitability for use of said coating and said plurality of core fibers, a final splatter

layer of said coating is applied along said sling body creating a rugged textured non-slip grip exterior surface, said coating thicknesses and locations along length of said sling body are selected based in part on operating conditions of said lifting sling; and

an electronic system secured by said coating proximate to said plurality of core fibers, wherein by way of said electronic system said lifting sling data communicates with a plurality of data processing devices or a plurality of global network based data processing resources.

26. (Previously Presented) The lifting sling in accordance with claim 25, further comprising a cover, said cover being fitted around said plurality of core fibers, said cover is coated with said coating.

27. (Previously Presented) The lifting sling in accordance with claim 25, further comprising a cover, said cover being fitted around said plurality of core fibers, said cover is coated and secured into position with said coating.

28. (Canceled)

29. (Previously Presented) A lifting sling, said lifting sling comprising:

a plurality of core fibers forming a sling body, said sling body is load bearing; and

a coating, said coating material is at least an isocyanate mixed with an amine forming polyurea, said coating is disposed onto said plurality of core fibers, said coating is applied in patterns of varying thicknesses and locations along length of

said sling body, initial layer of said coating seals said plurality of core fibers from exposure to contaminates, additional layers of said coating are applied in areas of said sling body subject to high crush and shear forces increasing said coating thickness and shear strength, preventing said plurality of core fibers and said coating damage during use of said lifting sling, and achieving operational

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